

FIG. 1

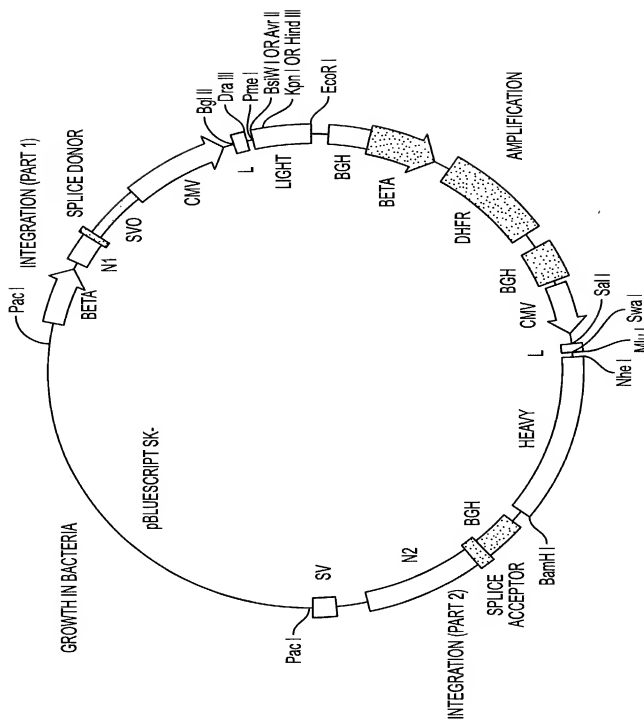


FIG. 2

Frame 1 M R V P A Q L L G L L L L W L P G A R
 ATG AGG GTC CCC GCT CAG CTC CTG GGG CTC CTG CTG CTC TGG CTC CCA GGT GCA CGA
 9 18 27 36 45 54
 C A Y E L T Q P P S V S V S P G Q T A R I
 TGT GCC TAT GAA CTG ACT CAG CCA CCC TCG GTG TCA GTG TCC CCA GGA CAG TAC GCC AGG ATC
 63 72 81 90 99 108 117
 T C G G D N S R N E Y V H W Y Q Q K P A R
 ACC TGT GGG GGA GAC AAC AGT AGA AAT GAA TAT GTC CAC TGG TAC CAG CAG AAG CCA GCG CGG
 126 135 144 153 162 171 180
 A P I L V I Y D D S D R P S G I P E R F S
 GCC CCT ATA CTG GTC ATC TAT GAT GAT AGT GAC CGG CCC TCA 225 GGG ATC CCT GAG CGA TTC TCT
 189 198 207 216 225 234 243
 G S K S G N T A T L T I N G V E G G D A
 GGC TCC AAA TCA GGG AAC ACC GCC ACC CTG ACC ATC AAC GGG GTC GAG GCC GGG GAT GAG GCT
 252 261 270 279 288 297 306
 D Y Y C Q V W D R A S D H P V F G G T R
 GAC TAT TAC TGT CAG GTG TGG GAC AGG GCT AGT GAT CAT CCG GTC TTC GGA GGA GGG ACC CGG
 315 324 333 342 351 360 369
 V T V L G Q P K A A P S V T L F P S S E
 GTG ACC GTC CTA GGT CAG CCC AAG GCT GCC CCC TCG GTC TCT CTC TTC CCG CCC TCC TCT GAG
 378 387 396 405 414 423 432
 E L Q A N K A T L V C L I S D F Y P G A V
 GAG CTT CAA GCC AAC AAG GCC ACA CTG GTG TGT CTC ATA AGT GAC TTC TAC CCG GGA GCC GTG
 441 450 459 468 477 486 495
 T V A W K A D S S P V K A G V E T T T P S
 ACA GTG GCC TGG AAG GCA GAT AGC AGC CCC AAG GCG GGA GTG GAG ACC ACC ACA CCC TCC
 504 513 522 531 540 549 558
 K Q S N N K Y A C G C S S Y L S L T P E O W K
 AAA CAA AGC AAC AAC AAG TAC AGC GCC AGC AGC TAC CTG AGC CTG TAC CCG GAG CAG TGG AAG
 567 576 585 594 603 612 621
 S H R S Y S C Q V T H E G S T V E K T V A
 TCC CAC AGA AGC TAC AGC TGC CAG GTC ACG CAT GAA GGG AGC ACC GTG GAG AAG ACA GTG GCC
 630 639 648 657 666 675 684
 P T E C S
 CCT ACA GAA TGT TCA TGA
 693 702

FIG. 3A

Frame 1	M	K	H	L	W	F	F	L	L	L	V	A	A	P	R	W	V	L	S
	ATG	AAA	CAC	CTG	TGG	TTC	TTC	CTC	CTC	CTG	GTG	GCA	GCT	CCC	AGA	TGG	GTC	CTG	TCC
			9			18			27			36			45			54	
Q	V	K	L	Q	Q	W	G	E	G	L	Q	P	S	E	T	L	S	T	
CAG	GTG	AAG	CTG	CAG	CAG	TGG	GGC	GAA	GGA	CTT	CTG	CAG	CCT	TCC	GAG	CTG	TCC	CGC	ACC
	63			72			81			90			99		108			117	
C	V	V	T	G	G	S	I	S	G	Y	Y	W	T	W	I	R	Q	T	P
TGC	GTT	TCT	TCT	GGT	GGC	TCC	ATC	AGC	GGT	TAC	TAC	TAC	TGG	TCC	TGG	ATC	CGC	CAG	ATC
	126			135			144			153			162		171			180	
G	R	G	L	E	W	I	G	H	I	Y	G	N	G	A	T	T	N	Y	P
GGG	AGG	GGA	CTG	GAG	TGG	ATT	GGC	CAT	ATT	TAT	GGT	AAT	GGT	CGC	ACC	TCC	AAC	TAC	CCG
	189			198			207			216			225		234			243	
S	L	K	S	R	V	T	I	S	K	D	T	S	K	N	Q	F	L	N	L
TCC	CTC	AAG	AGT	CGA	GTC	ACC	ATT	TCA	AAA	GAC	ACG	TCC	KAG	AAC	CAG	TTC	CTG	AAT	TTG
	252			261			270			279			288		297			306	
N	S	V	T	D	A	D	T	A	V	Y	C	A	R	G	P	R	P	D	C
AAT	TCT	GTG	ACC	GAC	GCG	GAC	ACG	GCC	GTC	TAT	TAC	TGT	ACG	AGA	GGC	CGC	CCT	GAT	TGC
	315			324			333			342			351		360			369	
T	T	I	C	Y	TAT	GGC	GGC	W	V	D	Y	G	G	D	G	V	T	V	
ACA	ACC	ATT	TGT	TAT	GGC	GGC	GGC	TGG	GTC	GAT	GTC	GGC	CCG	GGA	GAC	CTG	GTC	GTC	TCC
	378			387			396			405			414		423			432	
S	A	S	T	K	G	P	S	V	F	P	L	A	P	S	S	K	S	T	G
TCA	GCT	AGC	ACC	AAG	GGC	CCA	TCG	GTC	TTC	CCC	CTG	GCA	CCC	TCC	TCC	AAG	AGC	ACC	GGG
	441			450			459			468			477		486			495	
G	T	A	A	L	G	C	L	V	K	D	Y	F	P	E	P	T	V	W	
GGC	ACA	GCG	GCC	CTG	GGC	TGC	CTG	GTC	AAG	GAC	TAC	TTC	CCC	GAA	CCG	GTG	ACG	GTG	TGG
	504			513			522			531			540		549			558	
N	S	G	A	L	T	S	G	V	H	F	P	A	V	L	Q	S	S	G	L
AAC	TCA	GGC	GCC	CTG	ACC	AGC	GGC	GTG	CAC	ACC	TTC	CCG	GCT	GTC	CTA	CAG	TCC	TCA	CTC
	567			576			585			594			603		612			621	
Y	T	L	S	S	V	T	T	V	P	S	S	S	G	T	Q	T	Y	I	C
TAC	TCC	CTC	AGC	AGC	GTG	GTG	ACC	GTG	CCC	TCC	AGC	AGC	TTG	GGC	ACC	CAG	ACC	TAC	TGC
	630			639			648			657			666		675			684	
N	V	N	H	K	P	P	N	T	K	D	K	K	A	E	P	K	S	C	D
AAC	GTG	AAT	CAC	AAG	CCC	AGC	AAC	ACC	AAG	GTG	DAC	AAG	AAA	GCA	GAG	CCC	AAA	TCT	GAT
	693			702			711			720			729		738			747	
K	T	H	T	C	P	P	C	A	A	E	L	L	G	G	G	S	V	F	L
AAA	ACT	CAC	ACA	TGC	CCA	CCG	TGC	CCA	GCA	PCT	GAA	CTC	CTG	GGG	GGA	CCG	TCA	GTC	CTC
	756			765			774			783			792		801			810	
F	P	P	K	P	K	A	T	L	M	I	S	R	T	P	E	T	C	V	V
TTC	CCC	CCA	AAA	CCC	AAG	GAC	ACC	CTC	ATG	ATC	TCC	CGG	ACC	CCT	GAG	GTG	ACA	TGC	GTG
	819			828			837			846			855		864			873	
V	D	V	S	H	E	D	P	E	V	K	F	N	W	Y	V	G	V	E	V
GTG	GAC	GTG	AGC	CAC	GAA	GAC	CCT	GAG	GTC	AAG	TTC	AAC	TGG	TAC	GTG	DAC	GGC	GAG	GTG
	882			891			900			909			918		927			936	

FIG. 3B

H N A K T K P R E E Q Y N S T Y R V V S V
 CAT AAT GCC AAG ACA AAG CCG CGG GAG GAG CAG TAC AAC AGC ACG TAC CGT GTG GTC AGC GTC
 945 954 963 972 981 990 999
 L T V L H Q D W L N G K E Y K C K V S N K
 CTC ACC GTC CTG CAC CAG GAC TGG CTG AAT GGC AAG GAG TAC AAG TGC AAG GTC TCC AAC AAA
 1008 1017 1026 1035 1044 1053 1062
 A L P A P I E K T I S K A K G G G G P R E P Q
 GCC CTC CCA GCC CCC ATC GAG AAA ACC ATC TCC AAA GCC AAA GGG CAG CCC CGA GAA CCA CAG
 1071 1080 1089 1098 1107 1116 1125
 V Y T L P P S R D E L T ACC K A N Q V S L T C L
 GTG TAC ACC CTG CCC CCA TCC CGG GAT GAG CTG ACC AAG AAC CAG GTC AGC CTG ACC TGC CTG
 1134 1143 1152 1161 1170 1179 1188
 V K G F Y P S D I A V E W E S N G Q P E N
 GTC AAA GGC TTC TAT CCC AGC GAC ATC GCC GTG GAG TGG GAG AGC AAT GGG CAG CCG GAG AAC
 1197 1206 1215 1224 1233 1242 1251
 N Y K T T P P V L D S D G S F F L Y S K L
 AAC TAC AAG ACC ACG CCT CCC CTG GAC TCC GAC GGC TCC TTC TTC CTC TAC AGC AAG CTC
 1260 1269 1278 1287 1296 1305 1314
 T V D K S R W Q Q G N V F S C S V M H E A
 ACC GTG GAC AAG AGC AGG TGG CAG CAG GGG AAC GTC TTC TCA TGC TCC GTG ATG CAT GAG GCT
 1323 1332 1341 1350 1359 1368 1377
 L H N H Y T Q K S L S L S P G K
 CTG CAC AAC CAC TAC ACG CAG AAG AGC CTC TCC CTG TCT CCG GGT AAA TGA
 1386 1395 1404 1413 1422 1431

FIG. 3C

Frame 1 M S L P A Q L L G L L L C C V P G S S
 ATG AGC CTC CCT GCT CAG CTC CTC GGG CTG CTA TTG CTC TGC GTC CCC GGG TCC AGT
 9 18 27 36 45 54
 G E V V M T Q S P L S L P I T P G E P A S
 GGG GAA GTT GTG ATG ACT CAG TCT CCA CTG TCC CTT CCC ATC ACA CCT GGA GAG CCG GCC TCC
 63 72 81 90 99 108 117
 I S C R S S Q S L K H S N G D T F L S W Y
 ATC TCC TGT AGG TCT AGT CAA AGC CTT AAA CAC AGT AAT GGA GAC ACC TTC CTG AGT TGG TAT
 126 135 144 153 162 171 180
 Q Q K P G Q P P R R L L I Y T K V S N R D S G
 CAG CAG AAG CCA GGC CAA CCT CCA AGG CTC CTG ATT YAT AAG GTT TCT AAC CGG GAC TCT GGG
 189 198 207 216 225 234 243
 V P D R A F S G G G G G A D F T T L K I S A V
 GTC CCA GAC AGA TTC AGC GGC AGT GGG GCA GGG ACA GAT TTC ACA CTG AAA ATC AGC GCA GTG
 252 261 270 279 288 297 306
 E A E D V G V Y F C Q G T R T P P T F G
 GAG GCT GAA GAT GTT GGG GTT TAT TTC TGC GGG CAA GGT ACA AGG ACT CCT CCC ACT TTC GGC
 315 324 333 342 351 360 369
 G G T K V E I K R T V A A P S V F I F P P
 GGA GGG ACC AAG GTG GAA ATC AAA CGT ACG GTG GCT CCA CCA TCT GTC TTC ATC TTC CCG CCA
 378 387 396 405 414 423 432
 S D E Q L K S G T A S V V C L L N N F Y P
 TCT GAT GAG CAG TTG AAA TCT GGA ACT GCC TCT GTT GTG TGC CTG CTG AAT AAC TTC TAT CCC
 441 450 459 468 477 486 495
 R E A K V Q W K V D N A L Q S G N S Q E S
 AGA GAG GCC AAA GTA CAG TGG AAG GTG GAT AAC GCC CTC CAA TCG GGT AAC TCC CAG GAG AGT
 504 513 522 531 540 549 558
 V T E Q D S K D S T Y S L S S T L T L S K
 GTC ACA GAG CAG GAC AGC AAG GAC AGC ACC TAC AGC CTC S AGC ACC CTG ACG CTG AGC AAA
 567 576 585 594 603 612 621
 A D Y E K H K V Y A C E V T H Q G L S P
 GCA GAC TAC GAG AAA CAC AAA CTC TAC GCC TGC GAA GTC ACC CAT CAG GGC CTG AGC TCG CCC
 630 639 648 657 666 675 684
 V T K A S F N R G E C
 GTC ACA AAG AGC TTC AAC AGG GGA GAG TGT TGA
 693 702 711 720

FIG. 4A

Frame 1 M G W S L I L L F L V A V A T R V Q C
 ATG GGT TGG AGC CTC ATC TTG CTC TTC CTT GTC GCT GTT GCT ACG CGT GTC CAG TGT
 9 18 27 36 45 54
 E V Q L V E G S T G G G G L V Q P G G L R V S
 GAG GTG CAA CTG GTG GAG S TCT GGG GGA GGC L TTG GTC CAG CCT GGC GGG TCC CTG AGA V GTC TCC
 63 72 81 90 99 108 117
 C A V T S G F T T C A G T H Y M Y W F R Q A P G
 TGT GCA GTC TCT GGA TTC ACC TTC AGT D GAC CAC TAC ATG TAT TGG TTC CGC CAG GCT CCA GGG
 126 135 144 153 162 171 180
 K G P E W V G G T T I R A N K A A P N A C G G G T A C A E Y A
 AAG GGG CCG GAA TGG GTA G GGT TTC ATT AGA AAC AAA CCG AAC GGT GGG TCA ACA GAA TAC GCC
 189 198 207 216 225 234 243
 A S V K D R A F T I S R D D S K S I A Y L Q
 GCG TCT GTG AAA GAC AGA TTC ACC ATC TCC AGA GAT GAT TCC AAA AGC ATC GCC TAT CTG CAA
 252 261 270 279 288 297 306
 M S S L K A I E G D T A V Y Y C T T S Y I S H
 ATG AGC AGC CTG AAA ATC GAG GAC ACG GCC GTC TAT TAC TGT ACT ACA TCC TAC ATT TCA CAT
 315 324 333 342 351 360 369
 C R G G G T G C T G G A G Y T T E F W G G C A G G G C A L V T
 TGT CGG GGT GGT GTC TGC Y TAT GGA GGT Y TAC TTC GAA TTC TGG GGC CAG GGC GCC CTG GTC ACC
 378 387 396 405 414 423 432
 V S A A S T K A G G C C A T C G L A P S S K S T
 GTC TCC TCA GCT AGC ACC K AAG GGC CCA TCG GTC TTC CCC CTG GCA CCC TCC TCC AAG AGC ACC
 441 450 459 468 477 486 495
 S G G G T A A G C C C T G G C T G V K A D Y T T C C C E A P V T V
 TCT GGG GGC ACA GCG GCC CTG GGC TGC CTG GTC AAC GAC TAC TTC CCC GAA CCG GTG ACG GTG
 504 513 522 531 540 549 558
 S W N S A G C L T S G G H T F P A V L Q S S
 TCG TGG AAC TCA GGC GCC CTG ACC AGC GGC GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC TCA
 567 576 585 594 603 612 621
 G L Y S L S A V V T P S S L G T C Q T Y
 GGA CTC TAC TCC CTC AGC AGC GTG GTG ACC GTG CCC TCC S AGC AGC TTG GGC ACC CAG ACC TAC
 630 639 648 657 666 675 684
 I C N V N H C A A P S S N K V D K K A E P K S
 ATC TGC AAC GTG AAT CAC AAG CCC AGC AAC ACC AAG GTG GAC AAG AAA GCA GAG CCC AAA TCT
 693 702 711 720 729 738 747
 C D K T H T C P C P A P E L L G G P S V
 TGT GAC AAA ACT CAC ACA TGC CCA CCG TGC CCA GCA CCT GAA CTC CTG GGG GGA CCG TCA GTC
 756 765 774 783 792 801 810
 F L F P P K A A K D T L M I S R T P E V T C
 TTC CTC TTC CCC CCA AAA CCC AAG GAC ACC CTC ATG ATC TCC CGG ACC CCT GAG GTC ACA TGC
 819 828 837 846 855 864 873
 V V V D S G H E D P E V K F N W V V D G V
 GTG GTG GTG GAC GTG AGC CAC GAA GAC CCT GAG GTC AAG TTC AAC TGG YAC GTG GAC GGC GTG
 882 891 900 909 918 927 936

FIG. 4B

E V H N A K T K P R E E Q Y N S T Y R V V
 GAG GTG CAT AAT GCC AAG ACA AAG CCG CGG GAG GAG CAG TAC AAC AGC ACG TAC CGT GTG GTC
 945 954 963 972 981 990 999
 S V L T V L H Q D W L N G K A E Y K C K V S
 AGC GTC CTC ACC GTC CTG CAC CAG GAC TGG CTG AAT GGC AAG GAG TAC AAG TGC AAG GTC TTC
 1008 1017 1026 1035 1044 1053 1062
 N K A L P A P I E K A T I S C K A G Q P R E
 AAC AAA GCC CTC CCA GCC CCC ATC GAG AAA ACC ATC TCC AAA GCC AAA GGG CAG CCC CGA GAA
 1071 1080 1089 1098 1107 1116 1125
 P Q V Y T L P P S R D E L T K N Q V S L T
 CCA CAG GTG TAC ACC CTG CCC CCA TCC CGG GAT GAG CTG ACC AAG AAC CAG GTC AGC CTG ACC
 1134 1143 1152 1161 1170 1179 1188
 C L V K A G F Y P S D I A V E W E S N G Q P
 TGC CTG GTC AAA GGC TTC TAT CCC AGC GAC ATC GCC GTG GAG TGG GAG AGC AAT GGG CAG CCG
 1197 1206 1215 1224 1233 1242 1251
 E N N Y K T T P P V L D S D G S F F L Y S
 GAG AAC AAC TAC AAG ACC AGC CCT CCC GTG CTG GAC TCC GGC TCC TTC CTC TAC AGC
 1260 1269 1278 1287 1296 1305 1314
 K L T V D K S R W Q Q G N V F S C S V M H
 AAG CTC ACC GTG GAC AAG AGC AGG TGG CAG CAG GGG AAC GTC TTC TCA TGC TCC GTG ATG CAT
 1323 1332 1341 1350 1359 1368 1377
 E A L H N H Y T Q K S L S L S P G K
 GAG GCT CTG CAC AAC CAC TAC ACG CAG AAG AGC CTC TCC CTG TCT CCG GGT AAA TGA
 1386 1395 1404 1413 1422 1431

FIG. 4C

Frame 1 M R V P A Q L L G L L L L W L P G A R
 ATG AGG GTC CCC GCT CAG CTC CTG GGG CTC CTG CTG CTC TGG CTC CCA GGT GCA CGA
 9 18 27 36 45 54
 C E S V L T Q P P S V T G A P G Q K V T I
 TGT GAG 63 CTG 72 ACA CAG 81 CCC 90 GTG 99 GCC 108 CAG 117 GTC 117 ATC 117
 S C T G S T S N I G G Y D L H W Y Q Q L P
 TCG TGC ACT GGG AGC ACC TCC AAC ATT GGA GGT TAT GAT CTA CAT TGG TAC CAG CAG CTC CCA
 126 135 144 153 162 171 180 180
 G T A P K L L I Y D I N K R P S G I S D R
 GGA ACG GCC CCC AAA CTC CTC ATC TAT GAC ATT AAC AAG CGA CCC TCA GGA ATT TCT GAC CGA
 189 198 207 216 225 234 243 243
 F S G S K S G T A A S L A I T G L Q T E D
 TTC TCT GGC TCC AAG TCT GGT ACC 270 ACG GCC TCC CTG GCC ATC ACT GGG CTC CAG ACT GAG GAT
 252 261 270 279 288 297 306 306
 E A D Y Y C Q S Y D S S L N A Q V F G G G
 GAG GCT GAT TAT TAC TGC CAG TCC 333 TAT GAC AGC AGC CTG AAT GCT CAG GTA TTC GGA GGA GGG
 315 324 333 342 351 360 369 369
 T R L T V L G Q P K A A P S V T L F P S
 ACC CGG CTG ACC GTC CTA GGT CAG CCC AAG GCT GCC CCC TCG GTC ACT CTG TTC CCG CCC TCC
 378 387 396 405 414 423 432 432
 S E E L O A N K A T L V C L I S D F Y F G
 TCT GAG GAG CTT CAA GCC AAC AAG GCC ACA CTG GTG TGT CTC ATA AGT GAC TTC TAC CCG GGA
 441 450 459 468 477 486 495 495
 A V T V A W K A D S S P C V K A G V E T T T
 GCC GTG ACA GTG GCC TGG AAG GCA GAT AGC AGC CCC GTC AAG GCG GGA GTG GAG ACC ACC ACA
 504 513 522 531 540 549 558 558
 P S K Q S N N K Y A A S S Y L S T P E Q
 CCC TCC AAA CAA AGC AAC AAC AAG TAC GCG GCC AGC AGC TAC CTG AGC L T T CAG CAG CAG
 567 576 585 594 603 612 621 621
 W K S H R S Y S C Q V T H E G S T V E K T
 TGG AAG TCC CAC AGA AGC TAC AGC TGC CAG GTC ACG CAT GAA GGG AGC ACC GTG GAG AAG ACA
 630 639 648 657 666 675 684 684
 V A P T E C S TGA
 GTG GCC CCT ACA GAA TGT TCA TGA
 693 702 711

FIG. 5A

Frame 1	M	K	H	L	W	F	F	L	L	V	A	P	R	W	V	L	S
ATG	AAA	CAC	CTG	TGG	TTC	TTC	CTC	CTC	CTG	GTG	GCA	GCT	CCC	AGA	TGG	GTC	CTG
			9			18			27		36			45			54
Q	V	Q	L	Q	E	S	G	P	G	L	V	K	P	S	E	T	T
CAG	GTG	CAG	CTG	CAG	GAG	TCG	GGC	CCA	GGA	CTG	GTG	CAG	CCT	TCG	GAG	ACC	CTC
	63			72			81		90			99			108		117
C	A	G	S	G	G	S	I	S	G	G	Y	G	W	G	W	I	P
TGC	GCT	GTG	TCT	GGT	GGC	TCC	ATC	AGC	GGT	GGT	TAT	GGC	TGG	GGC	TGG	ATC	CCC
	126			135			144			153			162			171	180
G	K	A	L	E	W	I	G	S	F	Y	S	S	S	G	N	T	P
GGG	AAG	GGG	CTG	GAG	TGG	ATT	GGG	AGT	TTC	TAT	AGT	AGT	AGT	GGG	AAC	ACC	CCC
	189			198			207			216			225			234	243
S	L	K	S	Q	V	T	I	S	T	D	T	S	K	N	Q	F	L
TCC	CTC	AAG	AGT	CAA	GTC	ACC	ATT	TCA	ACA	GAC	TAC	TCC	AAG	AAC	CAG	TTC	AAG
	252			261			270			279			288			297	306
N	S	M	T	A	G	D	T	A	V	Y	Y	C	V	R	D	R	V
AAC	TCT	ATG	ACC	GCC	CGC	GAC	ACG	GCC	GTG	TAT	TAC	TGT	GTG	AGA	GAT	CGT	GTT
	315			324			333			342			351			360	369
V	G	M	V	Y	N	N	W	F	D	V	W	G	P	G	V	L	S
GTT	GGA	ATG	GTT	TAC	AAC	NAC	TGG	TTC	GAT	GTC	TGG	GGC	CCG	GGA	GTC	CTG	TCC
	378			387			396			405			414			423	432
S	A	S	T	K	G	P	S	V	F	P	L	A	P	S	S	K	G
TCA	GCT	AGC	ACC	AAG	GCC	GCA	TCG	GTC	TTC	CCC	CTG	GCA	CCC	TCC	TCC	AAG	GGG
	441			450			459			468			477			486	495
G	T	A	A	L	G	C	L	V	K	D	Y	F	P	E	P	V	W
GGC	ACA	CGC	GCC	CTG	GGC	TGC	CTG	GTC	AAG	GAC	TAC	TTC	CCC	GAA	CCG	GTC	TGG
	504			513			522			531			540			549	558
N	T	G	A	L	T	S	G	V	H	T	F	P	A	V	L	Q	L
AAC	TCA	GGC	GCC	CTG	ACC	AGC	GGC	GTG	CAC	ACC	TTC	CCG	GCT	GTC	CTA	CAG	CTC
	567			576			585			594			603			612	621
Y	T	L	S	S	V	V	T	V	P	S	S	L	G	T	Q	T	C
TAC	TCC	CTC	AGC	AGC	GTG	ATC	GGC	GTG	CCC	TCC	AGC	AGC	TTG	GGC	ACC	ACC	TGC
	630			639			648			657			666			675	684
N	V	N	H	K	P	S	N	T	K	V	D	K	K	A	E	P	D
AAC	GTG	AAT	CAC	AAG	CCC	AGC	AAC	ACC	AAG	GTG	GAC	AAG	AAA	GCA	GAG	CCC	GAC
	693			702			711			720			729			738	747
K	A	T	H	C	P	P	C	P	A	P	E	L	L	G	G	S	L
AAA	ACT	CAC	ACA	TGC	CCA	CCG	TGC	CCA	GCA	CCT	GAA	CTC	CTG	GGG	GGA	CCG	CTC
	756			765			774			783			792			801	810
F	P	P	K	P	K	D	T	L	M	I	S	R	T	P	E	V	V
TTC	CCC	CCA	AAA	CCC	AAG	GAC	ACC	CTC	ATG	ATC	TCC	CGG	ACC	CCT	GAG	GTC	GTG
	819			828			837			846			855			864	873
V	D	V	S	H	E	D	P	E	V	K	F	N	W	Y	V	D	V
GTG	GAC	GTG	AGC	CAC	GAA	GAC	CCT	GAG	GTC	AAG	TTC	AAC	TGG	TAC	GTG	GAC	GTG
	882			891			900			909			918			927	936

FIG. 5B

H N A K T K P R E E Q Y N S T Y R V V S V
 CAT AAT GCC AAG ACA AAG CCG CGG GAG GAG CAG TAC AAC AGC ACG TAC CGT GTG GTC AGC GTC
 945 954 963 972 981 990 999

 L T V L H Q D W L N G K E Y K C K V S N K
 CTC ACC GTC CTG CAC CAG GAC TGG CTG AAT GGC AAG GAG TAC AAG TGC AAG GTC TCC AAC AAA
 1008 1017 1026 1035 1044 1053 1062

 A L P A P I E K T I S K A K G Q P R E P Q
 GCC CTC CCA GCC CCC ATC GAG AAA ACC ATC TCC AAA GCC AAA GGG CAG CCC CGA GAA CCA CAG
 1071 1080 1089 1098 1107 1116 1125

 V Y T L P P S R D E L T C K N Q V S L T C L
 GTG TAC ACC CTG CCC CCA TCC CGG GAT GAG CTG ACC AAG AAC CAG GTC AGC CTG ACC TGC CTG
 1134 1143 1152 1161 1170 1179 1188

 V K G F T Y P S D I A V E W E S N G Q P E N
 GTC AAA GGC TTC TAT CCC AGC GAC ATC GCC GTG GAG TGG GAG AGC AAT GGG CAG CCG GAG AAC
 1197 1206 1215 1224 1233 1242 1251

 N Y K T T P P V L D S D G S F F L Y S K L
 AAC TAC AAG ACC ACG CCT CCC GTG CTG GAC TCC GAC GGC TCC TTC TTC CTC TAC AGC AAG CTC
 1260 1269 1278 1287 1296 1305 1314

 T V D K S R W Q Q G N V F S C S V M H E A
 ACC GTG GAC AAG AGC AGG TGG CAG CAG GGG AAC GTC TTC TCA TGC TCC GTG ATG CAT GAG GCT
 1323 1332 1341 1350 1359 1368 1377

 L H N H Y T Q K S L S L S P G K
 CTG CAC AAC CAC TAC ACG CAG AAG AGC CTC TCC CTG TCT CCG GGT AAA TGA
 1386 1395 1404 1413 1422 1431

FIG. 5C

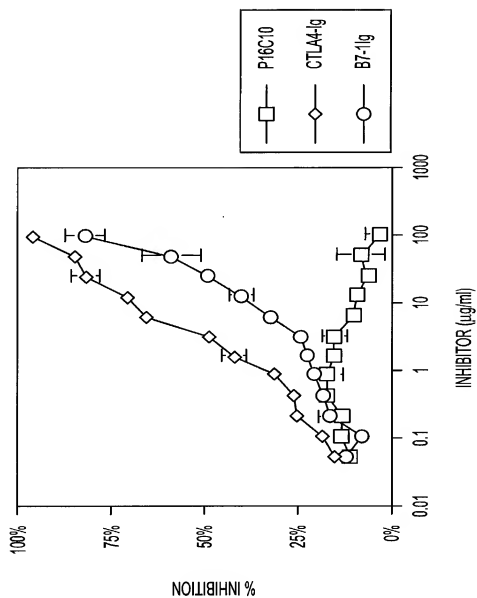


FIG. 6

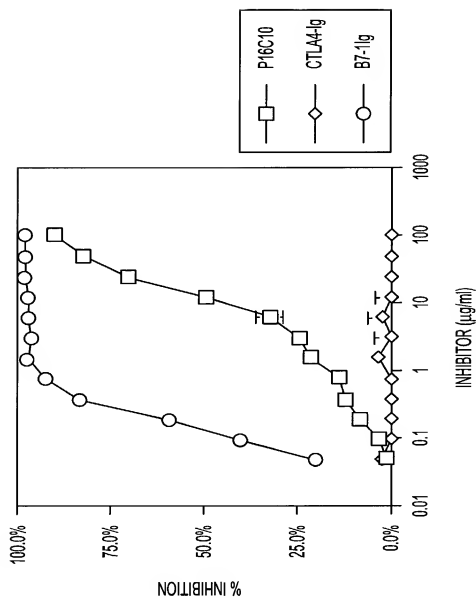


FIG. 7

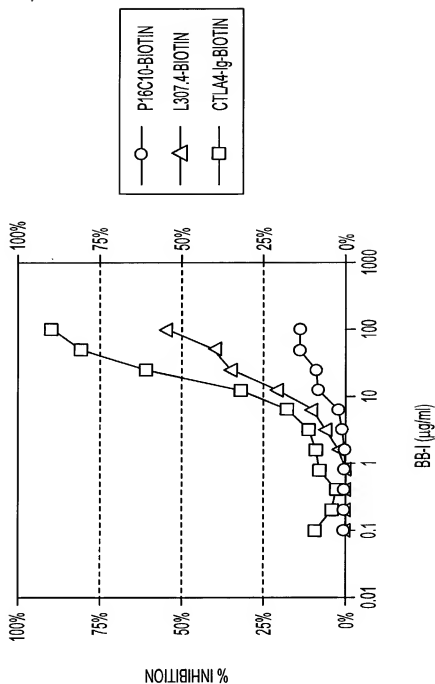


FIG. 8

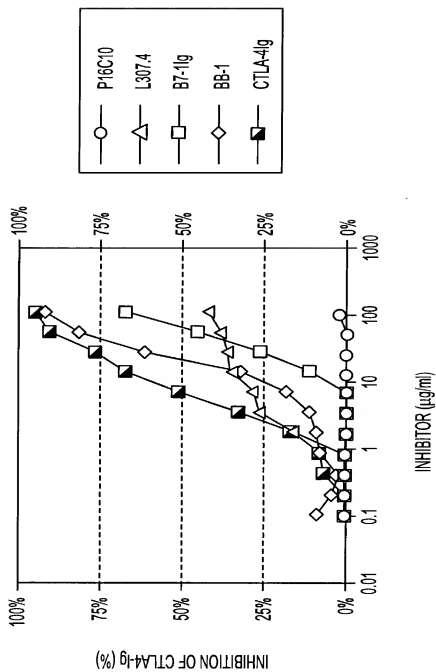


FIG. 9

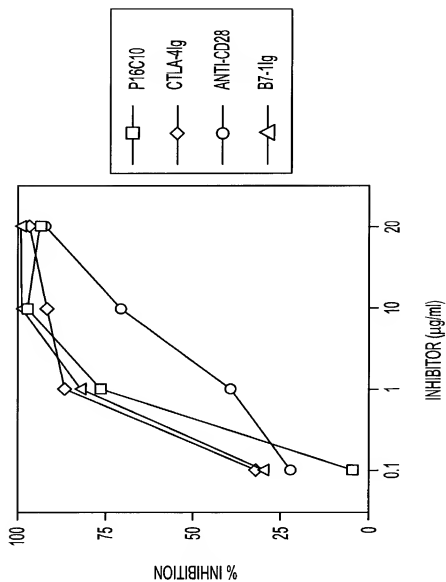


FIG. 10